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## **Clinical, mechanical and biological aspects of impaction bone grafting in orthopaedic revision implantology**

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Emil Henri van Haaren was born on the 23thrd of October 1975 in Amersfoort. He spent a happy youth in Hilversum where he attended high school at the Alberdingk Thijm College (VVO).

In 1994 he started medical school at the Vrije Universiteit in Amsterdam (VUmc). During his study he was already attracted to orthopaedic surgery and he participated in several research projects at the department of orthopaedics. After his graduation in 2002 a two year research period followed at the department of orthopaedics at the VUmc in collaboration with the Skeletal Tissue Engineering Group Amsterdam (STEGA). In this period the foundations of this PhD thesis were laid.

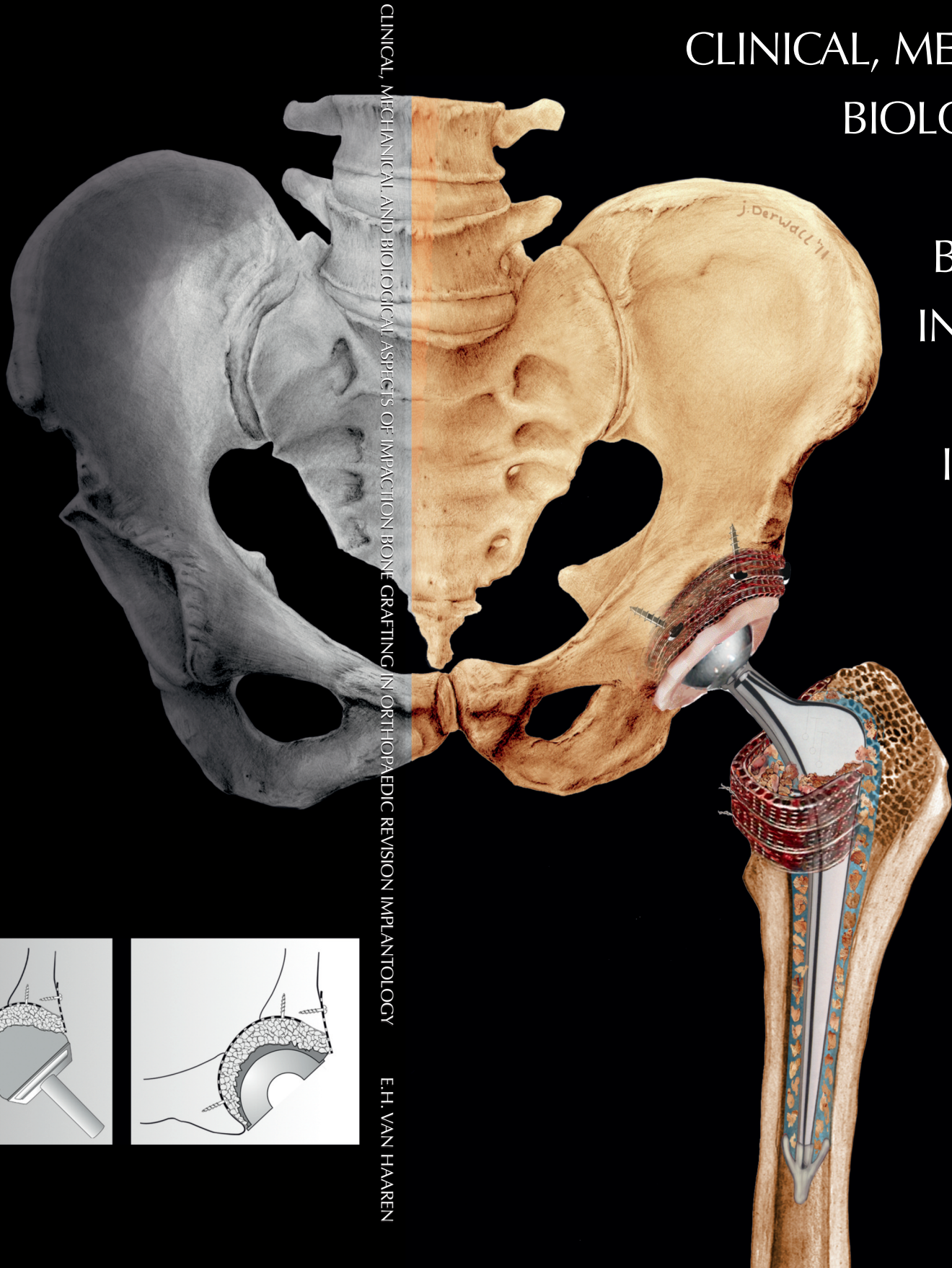
In 2005 the two year training in general surgery started at the Isala Klinieken in Zwolle (head J.E. de Vries MD PhD). In 2007 he spent the first year of orthopaedic training in the VieCuri Medical Center in Venlo (head J.W. Morrenhof MD PhD). In 2008 and 2010 he was trained at the Atrium Medical Center in Heerlen (head I.C. Heyligers MD PhD), and in 2009 the academic part of his training was done at the Maastricht University Medical Center (head Prof G.H.I.M. Walenkamp MD PhD and Prof L.W. van Rhijn MD PhD).

After his registration as an orthopaedic surgeon in March 2011 he joined the orthopaedic group in the Orbis Medical Center in Sittard.

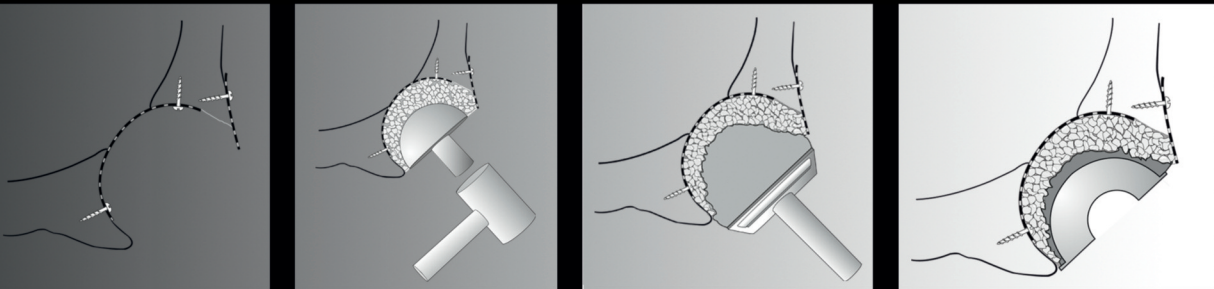
The author is married to Tamar van Haaren – ten Haken. Together they have three wonderful boys: Thijs, Nout and Karst.

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CLINICAL, MECHANICAL AND  
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